

ABSTRACT

The present invention provides a method of forming a transparent conductive film at a low temperature that is suitable for use with a synthetic resin substrate. According to the production method of a substrate with an electrode of the present invention, an oxide conductive film composed of an amorphous material or mainly composed of an amorphous material is formed on a substrate at a temperature equal to or less than the crystallization temperature of the film, and subsequently, the formed oxide conductive film is crystallized by heating. The oxide conductive film is processed into the shape of an electrode either before or after crystallization, according to necessity.